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# RAW SEQUENCE LISTING PATENT APPLICATION US/09/559,874

DATE: 05/10/2000  
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Input Set: I559874.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

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2  <120> TITLE OF INVENTION: CELL PROLIFERATION ASSAY
3  <130> FILE REFERENCE: 105175-159906
4  <140> CURRENT APPLICATION NUMBER: US/09/559,874
5  <141> CURRENT FILING DATE: 2000-04-25
6  <160> NUMBER OF SEQ ID NOS: 5
7  <170> SOFTWARE: PatentIn Ver. 2.1
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12 <220> FEATURE:
13 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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21 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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29 <211> LENGTH: 936
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33 <221> NAME/KEY: CDS
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38     1             5             10             15
39     ggt ccg cag tgg tgg gcc aga tgt aaa caa atg aat gtt ctt gat tca
40     Gly Pro Gln Trp Trp Ala Arg Cys Lys Gln Met Asn Val Leu Asp Ser
41     20             25             30
42     ttt att aat tat tat gat tca gaa aaa cat gca gaa aat gct gtt att
43     Phe Ile Asn Tyr Tyr Asp Ser Glu Lys His Ala Glu Asn Ala Val Ile
44     35             40             45
45     ttt tta cat ggt aac gcg gcc tct tct tat tta tgg cga cat gtt gtg
46     Phe Leu His Gly Asn Ala Ala Ser Ser Tyr Leu Trp Arg His Val Val
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48                                     96
49                                     144
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47	Pro His Ile Glu Pro Val Ala Arg Cys Ile Ile Pro Asp Leu Ile Gly			
48	65	70	75	80
49	atg ggc aaa tca ggc aaa tct ggt aat ggt tct tat agg tta ctt gat	288		
50	Met Gly Lys Ser Gly Lys Ser Gly Asn Gly Ser Tyr Arg Leu Leu Asp			
51	85	90	95	
52	cat tac aaa tat ctt act gca tgg ttt gaa ctt ctt aat tta cca aag	336		
53	His Tyr Lys Tyr Leu Thr Ala Trp Phe Glu Leu Leu Asn Leu Pro Lys			
54	100	105	110	
55	aag atc att ttt gtc ggc cat gat tgg ggt gct tgt ttg gca ttt cat	384		
56	Lys Ile Ile Phe Val Gly His Asp Trp Gly Ala Cys Leu Ala Phe His			
57	115	120	125	
58	tat agc tat gag cat caa gat aag atc aaa gca ata gtt cac gct gaa	432		
59	Tyr Ser Tyr Glu His Gln Asp Lys Ile Lys Ala Ile Val His Ala Glu			
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61	agt gta gta gat gtg att gaa tca tgg gat gaa tgg cct gat att gaa	480		
62	Ser Val Val Asp Val Ile Glu Ser Trp Asp Glu Trp Pro Asp Ile Glu			
63	145	150	155	160
64	gaa gat att gcg ttg atc aaa tct gaa gaa gga gaa aaa atg gtt ttg	528		
65	Glu Asp Ile Ala Leu Ile Lys Ser Glu Glu Gly Glu Lys Met Val Leu			
66	165	170	175	
67	gag aat aac ttc ttc gtg gaa acc atg ttg cca tca aaa atc atg aga	576		
68	Glu Asn Asn Phe Phe Val Glu Thr Met Leu Pro Ser Lys Ile Met Arg			
69	180	185	190	
70	aag tta gaa cca gaa gaa ttt gca gca tat ctt gaa cca ttc aaa gag	624		
71	Lys Leu Glu Pro Glu Glu Phe Ala Ala Tyr Leu Glu Pro Phe Lys Glu			
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73	aaa ggt gaa gtt cgt cgt cca aca tta tca tgg cct cgt gaa atc ccg	672		
74	Lys Gly Glu Val Arg Arg Pro Thr Leu Ser Trp Pro Arg Glu Ile Pro			
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76	tta gta aaa ggt ggt aaa cct gac gtt gta caa att gtt agg aat tat	720		
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78	225	230	235	240
79	aat gct tat cta cgt gca agt gat gat tta cca aaa atg ttt att gaa	768		
80	Asn Ala Tyr Leu Arg Ala Ser Asp Asp Leu Pro Lys Met Phe Ile Glu			
81	245	250	255	
82	tcg gat cca gga ttc ttt tcc aat gct att gtt gaa ggc gcc aag aag	816		
83	Ser Asp Pro Gly Phe Phe Ser Asn Ala Ile Val Glu Gly Ala Lys Lys			
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85	ttt cct aat act gaa ttt gtc aaa gta aaa ggt ctt cat ttt tcg caa	864		
86	Phe Pro Asn Thr Glu Phe Val Lys Val Lys Gly Leu His Phe Ser Gln			
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88	gaa gat gca cct gat gaa atg gga aaa tat atc aaa tcg ttc gtt gag	912		
89	Glu Asp Ala Pro Asp Glu Met Gly Lys Tyr Ile Lys Ser Phe Val Glu			
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91	cga gtt ctc aaa aat gaa caa taa	936		
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93	305	310		
94	<210> SEQ ID NO 4			

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102      20          25          30
103   Phe Ile Asn Tyr Tyr Asp Ser Glu Lys His Ala Glu Asn Ala Val Ile
104      35          40          45
105   Phe Leu His Gly Asn Ala Ala Ser Ser Tyr Leu Trp Arg His Val Val
106      50          55          60
107   Pro His Ile Glu Pro Val Ala Arg Cys Ile Ile Pro Asp Leu Ile Gly
108      65          70          75          80
109   Met Gly Lys Ser Gly Lys Ser Gly Asn Gly Ser Tyr Arg Leu Leu Asp
110      85          90          95
111   His Tyr Lys Tyr Leu Thr Ala Trp Phe Glu Leu Leu Asn Leu Pro Lys
112      100         105         110
113   Lys Ile Ile Phe Val Gly His Asp Trp Gly Ala Cys Leu Ala Phe His
114      115         120         125
115   Tyr Ser Tyr Glu His Gln Asp Lys Ile Lys Ala Ile Val His Ala Glu
116      130         135         140
117   Ser Val Val Asp Val Ile Glu Ser Trp Asp Glu Trp Pro Asp Ile Glu
118      145         150         155         160
119   Glu Asp Ile Ala Leu Ile Lys Ser Glu Glu Gly Glu Lys Met Val Leu
120      165         170         175
121   Glu Asn Asn Phe Phe Val Glu Thr Met Leu Pro Ser Lys Ile Met Arg
122      180         185         190
123   Lys Leu Glu Pro Glu Glu Phe Ala Ala Tyr Leu Glu Pro Phe Lys Glu
124      195         200         205
125   Lys Gly Glu Val Arg Arg Pro Thr Leu Ser Trp Pro Arg Glu Ile Pro
126      210         215         220
127   Leu Val Lys Gly Gly Lys Pro Asp Val Val Gln Ile Val Arg Asn Tyr
128      225         230         235         240
129   Asn Ala Tyr Leu Arg Ala Ser Asp Asp Leu Pro Lys Met Phe Ile Glu
130      245         250         255
131   Ser Asp Pro Gly Phe Phe Ser Asn Ala Ile Val Glu Gly Ala Lys Lys
132      260         265         270
133   Phe Pro Asn Thr Glu Phe Val Lys Val Lys Gly Leu His Phe Ser Gln
134      275         280         285
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138      305         310
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141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
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